

**CALIFORNIA DEPARTMENT OF FORESTRY & FIRE PROTECTION  
OFFICE OF THE STATE FIRE MARSHAL  
FIRE ENGINEERING - BUILDING MATERIALS LISTING PROGRAM**

# LISTING SERVICE

**LISTING No.** 7515-1621:103

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**CATEGORY:** Pipe/Fittings

**LISTEE:** Anvil International, Inc. 110 Corporate Dr, Suite 10, Portsmouth, NH 03802-3180  
Contact: Michael Horgan (401) 349-3020 FAX (401) 233-8142

**DESIGN:** Rubber gasketed fittings with figures, sizes and rated pressure specified below:

Figure	Description	Sizes	Pressure Rating
7000	coupling (lightweight)	1, 1¼, 1½, 2, 2½, 3, 3½, 4" 5, 6, 8"	500 psig 450 psig
7001	coupling (standard weight)	1, 1¼, 1½, 2, 2½, 3, 3½, 4, 5, 6, 8, 10, 12" 14, 16"	500 psig 175 psig
7004	HPR	2, 2½, 3, 3½, 4, 5, 6, 8"	750 psig
7005	coupling (plain end)	2, 2½, 3, 3½, 4, 5" 6, 8"	500 psig 400 psig
7010	reducing coupling	2x1½; 2½x2; 3x2, 2½; 4x2, 2½, 3; 5x4; 6x4, 5; 8x6"	300 psig
7012	flange	2, 2½, 3, 4, 5, 6, 8, 10, 12"	300 psig
7013	flange	2, 2½, 3, 4, 5, 6, 8, 10, 12"	500 psig
7045	clamp tee	2x½, ¾, 1, 1¼, 1½; 2½x½, ¾, 1, 1¼, 1½" 3x½, ¾, 1, 1¼, 1½, 2; 4x½, ¾, 1, 1¼, 1½; 2, 2½, 3; 5x1¼, 1½; 2, 2½, 3; 6x1¼, 1½, 2, 2½, 3; 4; 8x2, 2½, 3; 4"	400 psig 300 psig
7046	clamp tee	2x1¼, 1½; 2½x½, ¾, 1, 1¼, 1½; 3x1¼, 1½, 2; 4x1¼, 1½; 2, 2½; 3; 5x1¼, 1½, 2, 2½, 3; 6x1½, 2, 2½, 3, 4; 8x2, 2½, 3, 4"	300 psig
7047	clamp tee cross	Any combination of Listed 7045's of run size of 2½" through 8"	300 psig
7048	clamp tee cross	Any combination of Listed 7046's of run size of 2½" through 8"	300 psig
7049	clamp tee cross	Any combination of Listed 7045's and 7046's of run size of 2½" through 8"	300 psig
7100	sock-it 90° elbow	1, 1¼, 1½" 2"	300 psig 175 psig
7101	sock-it 90° elbow, w/thread outlet	1x½, ¾, 1; 1¼x½, ¾, 1; 1½x½, ¾, 1"	300 psig
7103	sock-it tee	1" 1¼, 1½, 2"	300 psig 175 psig
7105	sock-it tee, w/thread outlet	1x1½, ¾, 1; 1¼x1¼x½, ¾, 1" 2x2½, ¾, 1; 2½x2½x¾, 1"	300 psig 175 psig
7106	reducing sock-it tee, w/thread outlet	1¼x1¼x½, ¾, 1; 1½x1½x½, ¾, 1" 2x2½, ¾, 1"	300 psig 175 psig

Figure	Description	Sizes	Pressure Rating
7107	sock-it coupling	1, 1 1/4, 1 1/2" 2"	300 psig 175 psig
7400	rigidlite coupling	1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 4, 5, 6, 8"	300 psig
7401	rigidlok coupling	1 1/2, 2 1/2" 3, 4" 5, 6" 8" 10, 12"	750 psig 600 psig 500 psig 450 psig 400 psig

Pressure ratings of the above are based on use with Schedule 40 Sprinkler Pipe. For pressure ratings of other pipe schedules refer to UL Fire Resistance Directory.

Refer to the listee's data sheet for detailed product description and operational considerations.

**INSTALLATION:** In accordance with listee's printed installation instructions, applicable codes and ordinances and in a manner acceptable to the authority having jurisdiction.

**MARKING:** Listee's name, model number, size, and UL label.

**APPROVAL:** Listed as rubber gasketed fittings for use with steel sprinkler pipes when constructed and installed in accordance with UL Fire Resistance Directory.

Corrected 02-03-04



This listing is based upon technical data submitted by the applicant. CSFM Fire Engineering staff has reviewed the test results and/or other data but does not make an independent verification of any claims. This listing is not an endorsement or recommendation of the item listed. This listing should not be used to verify correct operational requirements or installation criteria. Refer to listee's data sheet, installation instructions and/or other suitable information sources.

Date Issued: **APRIL 21, 2005**

*Listing Expires **June 30, 2006***

Authorized By: **DIANE K. AREND, Senior Deputy  
Program Manager**